

MIDDLEBOROUGH
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	9.48	9	95	Male	6.22	4	NC*
Female	3.83	4	NC*	Female	5.19	6	116
Total	13.30	13	98	Total	11.41	10	88
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	3.56	4	NC*	Male	1.80	0	NC*
Female	3.09	3	NC*	Female	1.74	1	NC*
Total	6.64	7	105	Total	3.54	1	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.63	0	NC*	Male	8.26	11	133
Female	63.72	60	94	Female	7.31	8	109
Total	64.35	60	93	Total	15.56	19	122
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	4.41	7	159	Male	6.81	5	73
				Female	3.27	0	NC*
				Total	10.08	5	50
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	24.00	20	83	Female	7.78	7	90
Female	24.63	24	97				
Total	48.63	44	90				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	3.59	7	195	Male	3.71	7	189
Female	1.25	1	NC*	Female	4.01	4	NC*
Total	4.84	8	165	Total	7.72	11	142
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.86	2	NC*	Male	57.75	58	100
Female	1.49	0	NC*				
Total	3.35	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	5.90	8	136	Male	4.17	6	144
Female	3.57	3	NC*	Female	2.68	3	NC*
Total	9.47	11	116	Total	6.86	9	131
<u>Larynx</u>				<u>Testis</u>			
Male	3.56	5	141	Male	2.70	4	NC*

Female	1.00	0	NC*				
Total	4.56	5	110				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	4.50	5	111	Male	1.36	5	369 #+
Female	3.58	3	NC*	Female	3.65	3	NC*
Total	8.08	8	99	Total	5.01	8	160
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	2.00	2	NC*				
Female	0.84	1	NC*	Female	12.02	7	58
Total	2.84	3	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	31.10	42	135	Male	196.96	220	112
Female	24.25	21	87	Female	197.80	177	89
Total	55.35	63	114	Total	394.76	397	101

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels